

A Bayer  Company

Sybron Chemicals Inc.
Bayer Corporation
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Birmingham, NJ 08011

TRANSPORTATION EMERGENCY

CALL CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

NON-TRANSPORTATION

BAYER EMERGENCY PHONE...: (609) 893-1100
BAYER INFORMATION PHONE.: (609) 893-1100

1. CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT NAME.....: CC-8
PRODUCT CODE.....: 4238
CHEMICAL FAMILY.....: Cation Exchange Resin
CHEMICAL NAME.....: Styrene-divinylbenzene-copolymer with sulfonic acid anchor groups in sodium form

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME	EXPOSURE LIMITS	CONCENTRATION (%)
/CAS NUMBER		

***** HAZARDOUS INGREDIENTS *****

This product contains no hazardous ingredients as defined under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

3. HAZARDS IDENTIFICATION:

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*                               EMERGENCY OVERVIEW                               *
*                               *                                                 *
* Color: Beige to grey; Form: Beads; Opaque; Odor: Odorless; *
* Product poses little or no hazard if spilled and no unusual *
* hazard if involved in a fire. *
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POTENTIAL HEALTH EFFECTS:

ROUTE(S) OF ENTRY.....: Eye and skin contact.

3. HAZARDS IDENTIFICATION (Continued)

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

ACUTE EFFECTS OF EXPOSURE.....: Based on animal toxicity testing on similar products (see Section 11) this product is expected to be non-irritating to the eyes and skin and practically non-toxic by ingestion.

CHRONIC EFFECTS OF EXPOSURE...: No applicable information was found concerning any adverse chronic health effects from overexposure to this product.

CARCINOGENICITY.....: This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.

MEDICAL CONDITIONS

AGGRAVATED BY EXPOSURE.....: None Known

4. FIRST AID MEASURES:

FIRST AID FOR EYES.....: In case of contact, immediately flush eyes with water occasionally lifting upper and lower lids until no evidence of chemical remains (usually 15-20 minutes).

FIRST AID FOR SKIN.....: Remove product from clothing. Wash affected skin area with soap and water. Wash clothing before reuse. Seek medical attention if irritation develops.

FIRST AID FOR INHALATION: Exposure by inhalation is not expected under normal conditions of use due to the physical nature of this material.

FIRST AID FOR INGESTION.: If swallowed, call a physician.

5. FIRE FIGHTING MEASURES:

FLASH POINT.....: Not Established

AUTO-IGNITION TEMPERATURE.....: Greater than 482 F (250 C) DIN 51794

EXTINGUISHING MEDIA.....: Water; Dry Chemical; Carbon Dioxide; Foam

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

6. ACCIDENTAL RELEASE MEASURES:

SPILL OR LEAK PROCEDURES.....: Utilize protective clothing and equipment. Spills should be swept up and placed in containers. Spill area can be washed with water. Collect wash water for approved disposal.

7. HANDLING AND STORAGE:

STORAGE TEMPERATURE(MIN/MAX): 32 F (0 C)/104 F (40 C)
SHELF LIFE.....: Minimum five (5) years if stored in sealed original container.
SPECIAL SENSITIVITY.....: Avoid loss of moisture (water) used to swell the beads.
HANDLING/STORAGE PRECAUTIONS: Store in dry place, away from excessive heat, in original or similar waterproof containers. Reseal containers immediately after use. Avoid unnecessary contact. Protect from freezing.

8. PERSONAL PROTECTION:

EYE PROTECTION REQUIREMENTS.....: Protective goggles.
SKIN PROTECTION REQUIREMENTS.....: Cloth gloves, long sleeved shirts and pants. Employees should wash their hands and face before eating, drinking or using tobacco products.
VENTILATION REQUIREMENTS.....: Under normal conditions of use, special ventilation is not required.
RESPIRATOR REQUIREMENTS.....: Under normal conditions of use, respiratory protection is not required.
ADDITIONAL PROTECTIVE MEASURES.....: Emergency showers and eye wash stations should be available. Educate and train employees in the safe use and handling of this product.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL FORM.....: Beads
APPEARANCE.....: Opaque
COLOR.....: Beige to grey
ODOR.....: Odorless
pH: Neutral Salt
BOILING POINT.....: Not Established
MELTING/FREEZING POINT....: Not Established
SOLUBILITY IN WATER: Not Applicable
SPECIFIC GRAVITY: Approx. 1.27
BULK DENSITY.....: 720 to 820 kg/m3
VAPOR PRESSURE: Not Applicable

10. STABILITY AND REACTIVITY:

STABILITY.....: This is a stable material.
HAZARDOUS POLYMERIZATION...: Will not occur.
INCOMPATIBILITIES.....: Oxidizing and reducing agents.
INSTABILITY CONDITIONS.....: None known.
DECOMPOSITION TEMPERATURE...: Not Established
DECOMPOSITION PRODUCTS.....: CO, CO2, oxides of sulfur, and other potentially
toxic fumes.

11. TOXICOLOGICAL INFORMATION:

ACUTE TOXICITY

ORAL LD50.....: Greater than 5000 mg/kg (Rat). The dosage of 5000
mg/kg caused no symptoms.*
EYE EFFECTS.....: Non-irritating to rabbit eyes.*
SKIN EFFECTS.....: Non-irritating to rabbit skin. (4 hr. exposure)*

* Based on similar products.

12. ECOLOGICAL INFORMATION:

NO ECOLOGICAL INFORMATION AVAILABLE

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD.....: Waste disposal should be in accordance with
existing federal, state and local environmental regulations.

14. TRANSPORTATION INFORMATION:

TECHNICAL SHIPPING NAME.....: Cation Exchange Resin
FREIGHT CLASS BULK.....: Compounds, water purifying, not med, noi
FREIGHT CLASS PACKAGE.....: Compounds, water purifying, not med, noi
PRODUCT LABEL.....: Lewatit MonoPlus SP 112

14. TRANSPORTATION INFORMATION (Continued)

DOT (DOMESTIC SURFACE)

HAZARD CLASS OR DIVISION: Non-Regulated

IMO / IMDG CODE (OCEAN)

HAZARD CLASS DIVISION NUMBER...: Non-Regulated

ICAO / IATA (AIR)

HAZARD CLASS DIVISION NUMBER...: Non-Regulated

15. REGULATORY INFORMATION:

OSHA STATUS.....: This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS.....: On TSCA Inventory

CERCLA REPORTABLE QUANTITY...: None

SARA TITLE III:

SECTION 302 EXTREMELY

HAZARDOUS SUBSTANCES...: None

SECTION 311/312

HAZARD CATEGORIES.....: Non-hazardous under Section 311/312

SECTION 313

TOXIC CHEMICALS.....: None

RCRA STATUS.....: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

COMPONENT NAME

/CAS NUMBER

CONCENTRATION

STATE CODE

Benzene, diethenyl, polymer with ethenylbenzene, sulfonated, sodium salts
68441-33-8 50-60 % PA3, NJ4

15. REGULATORY INFORMATION (Continued)

COMPONENT NAME /CAS NUMBER	CONCENTRATION	STATE CODE
Water 7732-18-5	40 - 50 %	PA3, NJ4

NJ4 = New Jersey Other - included in 5 predominant ingredients > 1%
PA3 = Pennsylvania Non-hazardous present at 3% or greater.

16. OTHER INFORMATION:

HMIS RATINGS: Health Flammability Reactivity
 0 1 1
 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

Bayer's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS ratings are provided by Bayer as a customer service.

REASON FOR ISSUE.....: New Product
PREPARED BY.....: S. Van Volkenburg
APPROVED BY.....: John F. McPeak
APPROVAL DATE.....: 03/30/2004
SUPERSEDES DATE.....: None
MSDS NUMBER.....: 49489

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